

Appl. No. 10/056,880
Amdt. Dated July 1, 2004
Reply to Office Action of April 9, 2004

AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [0045] with the following amended paragraph:

[0045] Fig. 8 shows join planning performed by the optimizer module 19 in which a join query specifies a costly function, either in the form of a UDT method or application of selection predicates and/or projections on complex attributes. As in the join planning of Fig. 7, the optimizer module 19 transforms (at 202) a selection predicate expression into conjunctive normal form. The optimizer module 19 also pushes (at 204) selection predicates and projections down the associated query tree. Note that although the selection predicates and projections have been pushed down, that does not mean that they have been applied. Whether the selection predicates and projections are actually applied early depends on whether the selection predicates and projections involve costly functions. If they are costly functions, then the application of the selection predicate or projection is delayed, as further described below.